PTO/SB/08A (08-03) Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known **Application Number** 10/752,134 Filing Date January 6, 2004 First Named Inventor Abbas A. Alahyari Art Unit 3744 Tapcolai, William E. Examiner Name 10665A Attorney Docket Number

Examiner Initials*	Cite No.1		Publication Date		Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ^{2 (# known)}	MM-DD-YYYY		
WST		^{us.} 3,233,423	02/08/1966	Beckwith et al.	
ives		^{US-} 3,182,466	05/11/1965	Beckwith	·
-		U\$-			
		US-			
· · · · · · · · · · · · · · · · · · ·		US-			
	\vdash	US-			

FOREIGN PATENT DOCUMENTS						
Examiner initiate*	Cite No.	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pagas, Columns, Lines, Where Relevant Passages	
		Country Code ^a "Number ⁴ "Kind Code ^a (<i>if known</i>)	MM-DD-YYYY		Or Relevant Figures Appear	T
						-
	-					┢
	\vdash					

Examiner Signature	L'El moles	Date Considered //25 /05
	1000	

*EXAMINER: Initial if reference/considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gog or MPEP 901.04. ² Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ³Nchol of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. [®]Applicant is to place a check mark here if English language Translation is attached.

Translation is attached.
This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Tradement Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

PTC/SB/08A (08-03) Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

form 1449/PTO

(Use as many sheets as necessary)

Complete if Known Application Number 10/752,134 Filing Date January 6, 2004 First Named Inventor Abbas A. Alahyari Art Unit 3744 Taplocai, William E. Examiner Name 10665A Attorney Docket Number

U. S. PATENT DOCUMENTS					
Examiner initials	Cite No.	Document Number Number-Kind Code ^{2 (I known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
WET		^{US-} 5,357,767	10/25/1994	Roberts, Harold L.	
1	ļ	^{US-} 5,345,778	09/13/1994	Roberts, Harold L.	
		US- 5, 138,843	08/18/1992	Tamayana et al.	
		US- 5.048,303	09/17/1991	Campbell et al.	
		^{US-} 4,938,034	07/03/1990	Rosanio et al.	
		US- 4,633,677	01/06/1987	Maehara, Kazuo	
		US- 4,326,385	04/20/1982	Ibrahim, Fayez F.	
		US- 4,269,037	05/26/1981	Karashima, Masashi	
		^{US-} 4,267,706	05/19/1981	Abraham, Fayez F.	
		US- 4,117,698	10/03/1978	Vogel, Robert E.	
		us- 3,937,033	02/10/1976	Beckwith et al.	
1		^{US-} 3,850,003	11/26/1974	Beckwith et al.	
		^{US-} 3,827,254	08/06/1974	MacMaster et al.	
		us- 3,812,684	05/28/1974	Brown, Grant M.	
		us- 3,648,482	03/14/1972	Beckwith et al.	
		^{US-} 3,517,526	06/30/1970	MacMaster et al.	
		us- 3,369,375	02/20/1968	Gerwerk et al.	
		^{US-} 3,304,736	02/21/1967	Brennan et al.	
WA		^{US-} 3,289,432	12/06/1966	MacMaster et al.	

		FOREIGN	PATENT DOCU	MENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	هـ ا
		Country Code ³ Number ⁴ 'Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	Г
						┢
					<u> </u>	

Data Considered Signature

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ³Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ³Applicant is to place a check mark here if English language Translation is attached.

Transtation is attached.
This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.